

QGIS Application - Bug report #18201

Dissolve creates wrong output

2018-02-24 12:54 AM - Erik Sigra

Status: Closed	
Priority: Normal	
Assignee: Victor Olaya	
Category: Processing/QGIS	
Affected QGIS version: 2.18.16	Regression?: No
Operating System: Gentoo	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: invalid
Crashes QGIS or corrupts data: No	Copied to github as #: 26092

Description

The attached screenshot shows polygons coloured by Id. On top of them are red dotted lines showing the borders of other polygons created by the Dissolve command.

The red dotted lines seem to mostly be in the right places, but near the bottom right corner is an erroneous line. It seems like two of the polygons created by Dissolve overlap.

History

#1 - 2018-02-24 12:59 AM - Erik Sigra

- Assignee changed from Victor Olaya to Erik Sigra
- Status changed from Open to Closed

Sorry, seems like I had a bad GIS day. There is overlap in the input to dissolve.

#2 - 2018-02-24 02:39 AM - Erik Sigra

- File test-voronoi.shx added
- File test-voronoi.qpj added
- File test-voronoi.prj added
- File test-voronoi.dbf added
- File voronoi_issue.png added
- Assignee changed from Erik Sigra to Victor Olaya
- Status changed from Closed to Reopened
- File voronoi_issue.qgs added
- File test-voronoi.shp added

There might be a bug in QGIS after all. But in Voronoi. It seems to create overlapping polygons. The attached screenshot shows the points used as input to Voronoi and the generated polygons with half transparency so that overlap can be seen.

#3 - 2018-02-25 09:26 PM - Giovanni Manghi

- Status changed from Reopened to Closed
- Resolution set to invalid

Erik Sigra wrote:

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There might be a bug in QGIS after all. But in Voronoi. It seems to create overlapping polygons. The attached screenshot shows the points used as input to Voronoi and the generated polygons with half transparency so that overlap can be seen.

confirmed, but this is a different issue and you need to file a separate ticket.

#4 - 2018-02-25 10:43 PM - Erik Sigra

- Copied to Bug report #18212: Voronoi creates overlapping polygons added

#5 - 2018-02-26 08:49 AM - Alexander Bruy

- Copied to deleted (Bug report #18212: Voronoi creates overlapping polygons)

Files

dissolve_issue.png	320 KB	2018-02-23	Erik Sigra
dissolve_issue.qgs	24 KB	2018-02-23	Erik Sigra
test-polygons.dbf	1.39 KB	2018-02-23	Erik Sigra
test-polygons.prj	377 Bytes	2018-02-23	Erik Sigra
test-polygons.qpj	568 Bytes	2018-02-23	Erik Sigra
test-polygons.shp	18.5 KB	2018-02-23	Erik Sigra
test-polygons.shx	1.06 KB	2018-02-23	Erik Sigra
voronoi_issue.png	355 KB	2018-02-24	Erik Sigra
test-voronoi.dbf	1.39 KB	2018-02-24	Erik Sigra
test-voronoi.qpj	568 Bytes	2018-02-24	Erik Sigra
test-voronoi.prj	377 Bytes	2018-02-24	Erik Sigra
test-voronoi.shx	1.06 KB	2018-02-24	Erik Sigra
test-voronoi.shp	3.46 KB	2018-02-24	Erik Sigra
voronoi_issue.qgs	26.3 KB	2018-02-24	Erik Sigra